

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial No. ....10/781,586  
3 Filing Date .....2/17/2004  
4 Confirmation No.....3412  
5 Inventorship..... Jonathan E. Rivers-Moore  
6 Applicant ..... Microsoft Corporation  
7 Group Art Unit .....  
8 Examiner .....  
9 Attorney's Docket No. .... MS1-1864US  
10 Title: Systems and Methods for Editing XML Documents

11 **INFORMATION DISCLOSURE STATEMENT**

12 *References -- See Attached Form PTO-1449*

13 **REMARKS**

14 The citations listed, copies attached, are submitted in compliance with the  
15 duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make  
16 these citations of official record in this application.

17 Respectfully Submitted,

18 Date: 16 Dec 05

19 By: Michael K. Colby  
20 Michael K. Colby  
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**INFORMATION DISCLOSURE  
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Sheet

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of

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Application Number	10/781,586
Filing Date	2/17/2004
First Named Inventor	Rivers-Moore
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1864US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 20010024195	9/27/2001	Hayakawa, Keisuke	
		US- 20010037345	11/1/2001	Kiernan, Gerald George; et al.	
		US- 20010056460	12/27/2001	Sahota, Ranjit; et al.	
		US- 20020026441	2/28/2002	Kutay, Ali; et al.	
		US- 20020026461	2/28/2002	Kutay, Ali; et al.	
		US- 20020040469	4/4/2002	Pramberger, Johann	
		US- 20020100027	7/25/2002	Binding, Carl; et al.	
		US- 20020112224	8/15/2002	Cox, David A.	
		US- 20020133484	9/19/2002	Chau, Hoang K.; et al.	
		US- 20020156772	10/24/2002	Chau, Hoang K.; et al.	
		US- 20020156929	10/24/2002	Hekmatpour, Amir	
		US- 20020169789	11/14/2002	Kutay, Ali; et al.	
		US- 20020184219	12/5/2002	Preisig, Reto; et al.	
		US- 20020196288	12/26/2002	Emrani, Ramin	
		US- 20020198891	12/26/2002	Li, Chung-Sheng; et al.	
		US- 20030014397	1/16/2003	Chau, Hoang K.; et al.	
		US- 20030037303	2/20/2003	Bodlaender, Maarten Peter; et	
		US- 20030043986	3/6/2003	Creamer, Thomas E.; et al.	
		US- 20030056198	3/20/2003	Al-Azzawe, Abdul Hamid; et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		JP2000132436	5/12/2000	HITACHI LTD		
		JP2002183652	6/28/2002	NIPPON YUNISHISU KK		
		JP2003173288	6/20/2003	SHARP KK		
		JP401173140	7/7/1989	Fuji Electric Co LTD		
		JP406014105	1/21/1994	Fujitsu LTD		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	5
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**Complete if Known**

Application Number	10/781,586
Filing Date	2/17/2004
First Named Inventor	Rivers-Moore
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Examiner Name	
Attorney Docket Number	MS1 1864US

## U. S. PATENT DOCUMENTS

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		US- 20030061386	3/27/2003	Brown, Frances C.;	
		US- 20030182268	9/25/2003	Lal, Amrish K.	
		US- 20030187930	10/2/2003	Ghaffar, Aamir; et	
		US- 20030189593	10/9/2003	Yarvin, Curtis G.	
		US- 20030204511	10/30/2003	Brundage, Michael L.	
		US- 20030205615	11/6/2003	Marappan, Kumar	
		US- 20030225768	12/4/2003	Chaudhuri, Surajit;	
		US- 20030237047	12/25/2003	Borson, Niklas	
		US- 20040002939	1/1/2004	Arora, Siddhartha Ci	
		US- 20040205571	10/14/2004	Adler, Sharon C.; e	
		US- 20050102370	5/12/2005	Lin, Yun; et al.	
		US- 20050198086	9/8/2005	Moore, Reagan W.; e	
		US- 4,847,749	7/11/1989	Collins, et al.	
		US- 5,218,672	6/8/1993	Morgan, et al.	
		US- 5,317,686	5/31/1994	Salas, et al.	
		US- 5,371,675	12/6/1994	Greif, et al.	
		US- 5,630,126	5/13/1997	Redpath	
		US- 5,669,005	9/16/1997	Curbow, et al.	
		US- 5,717,939	2/10/1998	Bricklin, et al.	

**FOREIGN PATENT DOCUMENTS**

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		US- 5,801,701	9/1/1998	Koppolu, et al.	
		US- 5,929,858	7/27/1999	Shibata, et al.	
		US- 5,956,481	9/21/1999	Walsh, et al.	
		US- 5,982,370	11/9/1999	Kamper	
		US- 5,995,103	11/30/1999	Ashe	
		US- 6,088,708	7/11/2000	Burch, et al.	
		US- 6,144,969	11/7/2000	Inokuchi, et al.	
		US- 6,192,367	2/20/2001	Hawley, et al.	
		US- 6,225,996	5/1/2001	Gibb, et al.	
		US- 6,356,906	3/12/2002	Lippert, et al.	
		US- 6,470,349	10/22/2002	Heninger, et al.	
		US- 6,480,860	11/12/2002	Monday	
		US- 6,502,101	12/31/2002	Verprauskus, et al.	
		US- 6,549,878	4/15/2003	Lowry, et al.	
		US- 6,549,922	4/15/2003	Srivastava, et al.	
		US- 6,560,620	5/6/2003	Ching	
		US- 6,629,109	9/30/2003	Koshisaka	
		US- 6,631,379	10/7/2003	Cox	
		US- 6,631,497	10/7/2003	Jamshidi, et al.	

**FOREIGN PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,631,519	10/7/2003	Nicholson, et al.	
		US- 6,635,089	10/21/2003	Burkett, et al.	
		US- 6,636,845	10/21/2003	Chau, et al.	
		US- 6,643,633	11/4/2003	Chau, et al.	
		US- 6,654,737	11/25/2003	Nunez	
		US- 6,658,417	12/2/2003	Stakutis, et al.	
		US- 6,691,281	2/10/2004	Sorge, et al.	
		US- 6,760,723	7/6/2004	Oshinsky, et al.	
		US- 6,845,380	1/18/2005	Su, et al.	
		US- 6,848,078	1/25/2005	Birsan, et al.	
		US- 6,874,130	3/29/2005	Baweja, et al.	
		US- 6,931,532	8/16/2005	Davis, et al.	
		US- 6,963,875	11/8/2005	Moore, et al.	
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NON PATENT LITERATURE DOCUMENTS			
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		IBM: Stack Algorithm for Extractin Subtree from Serialized Tree, March 1, 1994, TDB-ACC-NONN94033, 3 pages	
		Laura Acklen & Read Gilgen, "Using Corel Wordperfect 9", 251-284, 424-434, 583-586 (1998)	
		Bruce Halberg et al, "Using Microsoft Excel 97", Published 1997, Bestseller Edition, Pertinent Pages: 1-9, 18-25, 85-89, 98-101, 106-113, 124-127, 144-147, 190-201, 209-210, 218-227, 581-590, 632-633, 650-655, 712-714.	
		LEBLOND et al, "PC Magazine Guide to Quattro Pro for Windows", pp. 9-11, 42-61, Ziff-Davis Press, Copyright 1993 by the LeBlond Group.	
		Mansfield, "Excel 97 for Busy People", Published by Osborne/Mcgraw-Hill 1997 pages 48-50	
		"Microsoft Visual Basic 5.0 Programmer's Guide 1997"; pp.578-579; Redmond WA 98052-6399	
		Han et al., WebSplitter: A Unified XML Framework for Multi-Device Collaborative Web Browsing, 2000, ACM Conference on Cimputer Supported Cooperative Work, 10 pages	

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